

FIG.1 pEasyfloxFRTGK12 mRRP1

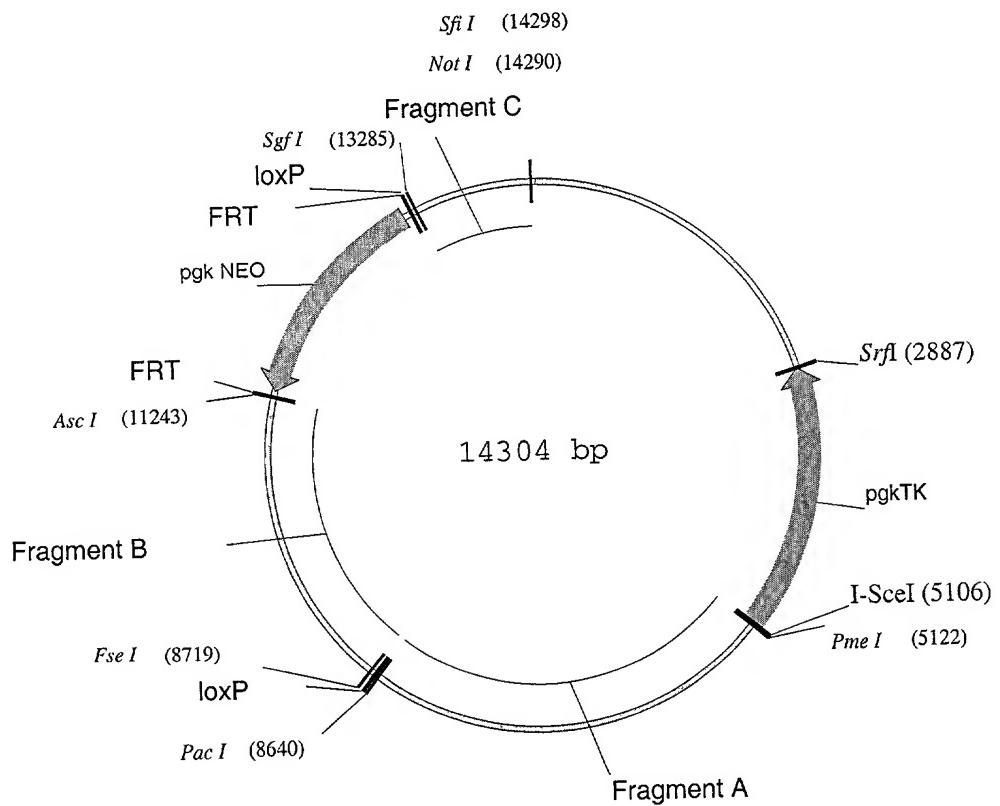


FIG.2 mRRP1 gene targeting

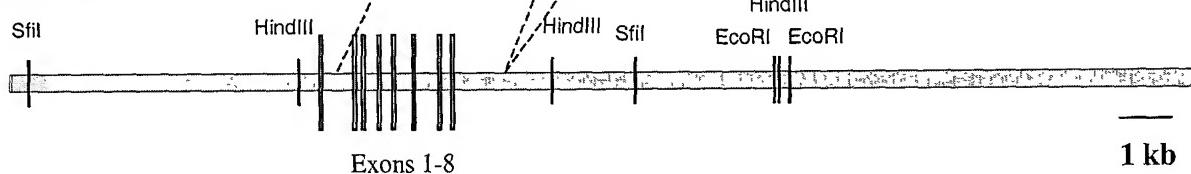
RRP1 Mouse Targeting Vector



loxP site

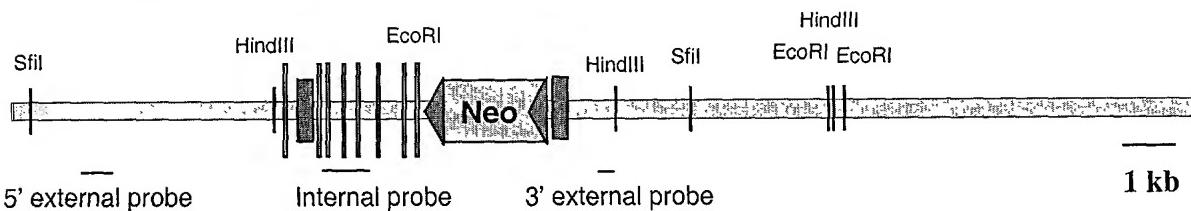
FRT site

RRP1 Mouse genomic region (WT)



EcoRI/Sfil 10.0 kb (5' external probe)
HindIII 4.3 kb (3' external probe)
HindIII 4.3 kb (internal probe)

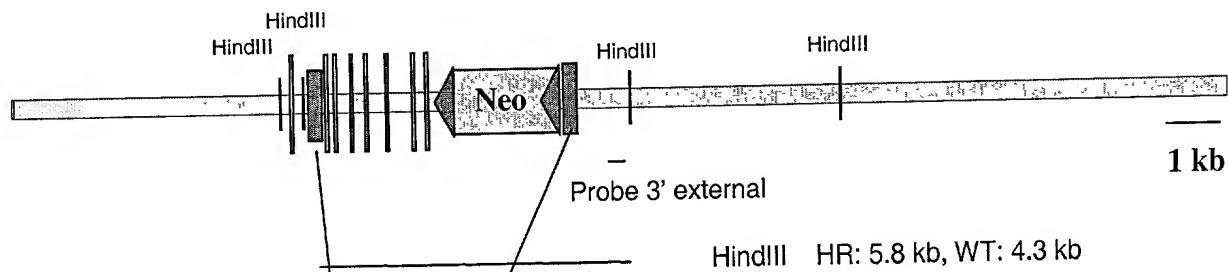
RRP1 target allele (HR)



5' external probe Internal probe 3' external probe
EcoRI/Sfil 7.5 kb (5' external probe)
HindIII 5.8 kb (3' external probe)
HindIII 5.8 kb (internal probe)

FIG.3

RRP1 target allele (HR)



RRP1 target allele Cre deletion

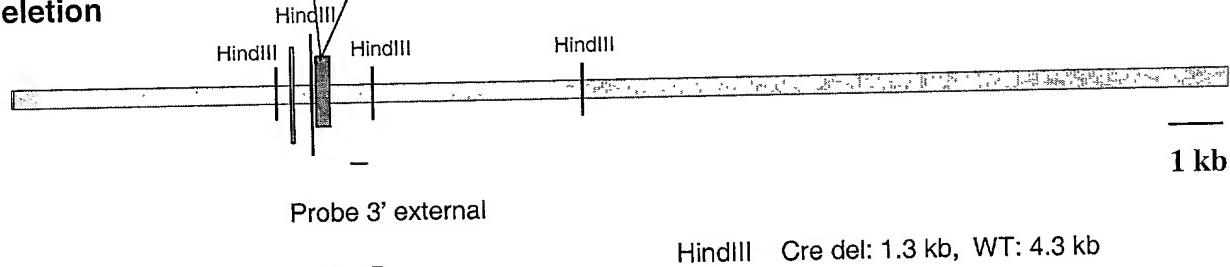
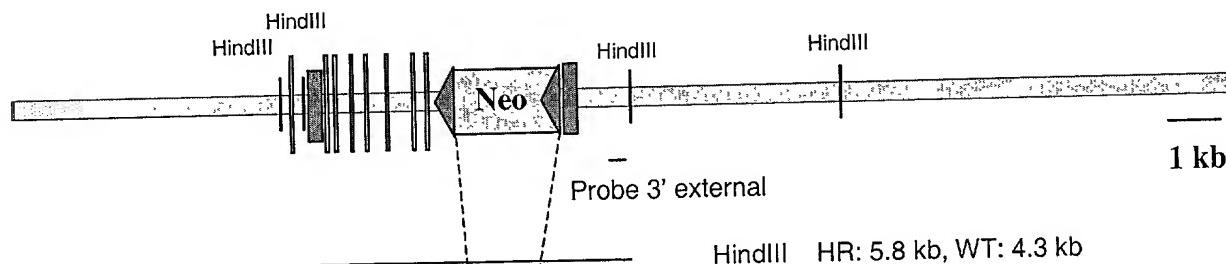
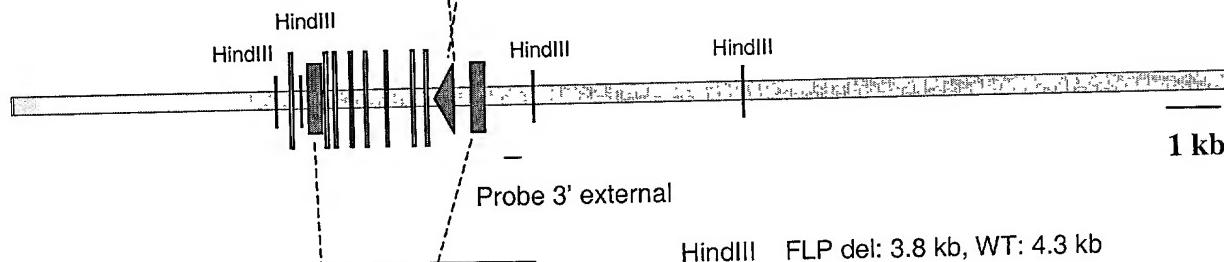


FIG.4

RRP1 target allele (HR)



RRP1 target allele FLP deletion



RRP1 target allele Cre deletion

